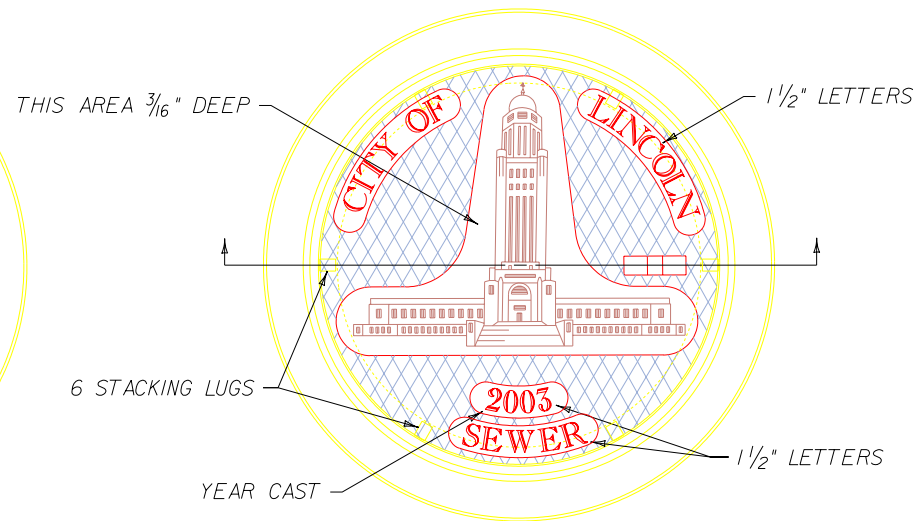
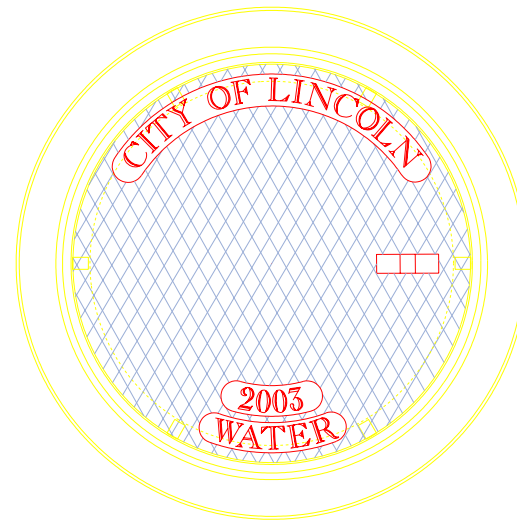


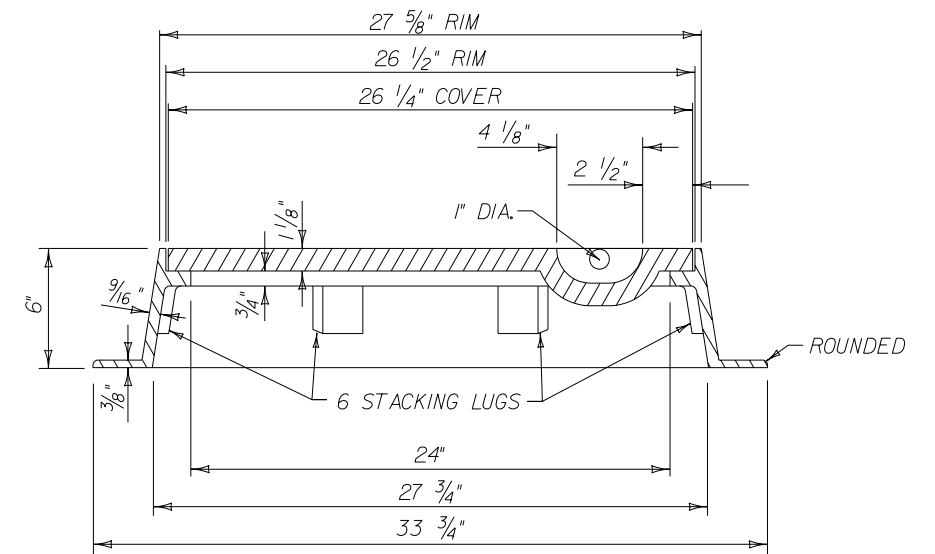
STORM SEWER MANHOLE



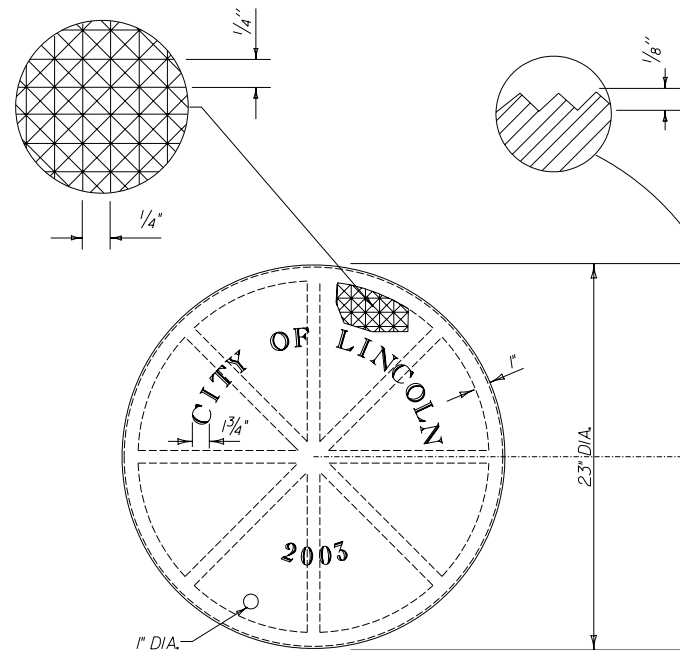
SANITARY SEWER MANHOLE



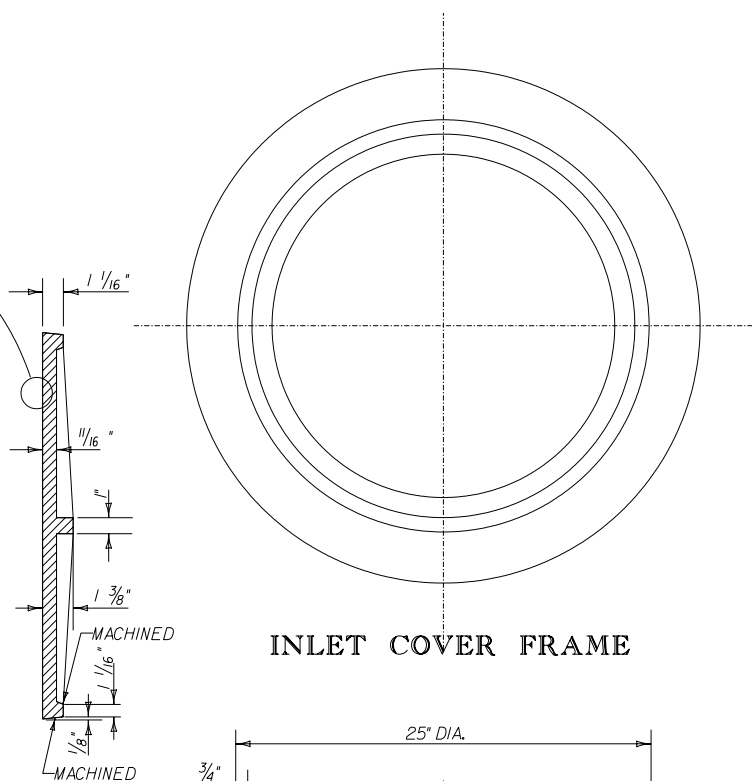
WATER MANHOLE



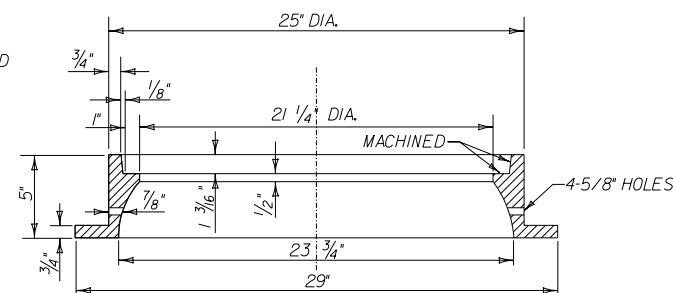
TYPICAL SECTION



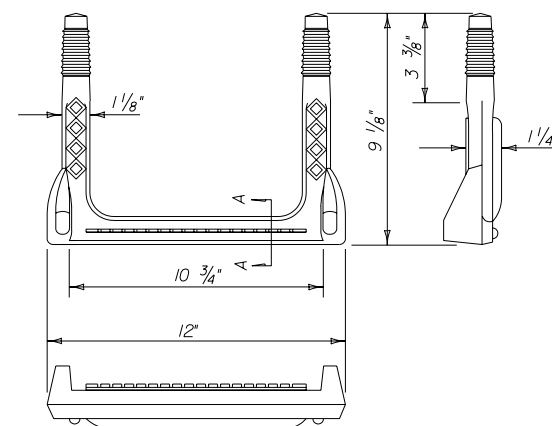
INLET COVER



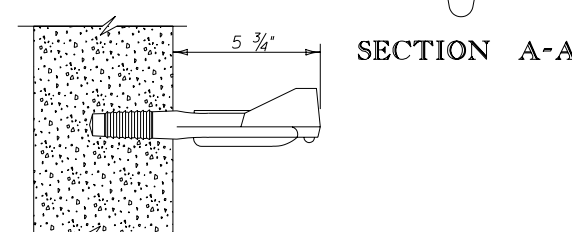
INLET COVER FRAME



TYPICAL SECTION



1/2" GRADE 60 STEEL REINFORCEMENT
COPOLYMER POLYPROPYLENE PLASTIC

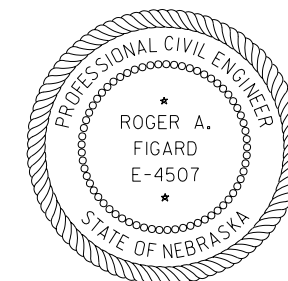


SECTION A-A

1. STEP SHALL MEET THE REQUIREMENTS OF ASTM C-478, AASHTO M-199 AND OSHA INSTRUCTION STD I-19
2. POLYPROPYLENE PLASTIC SHALL CONFORM TO ASTM D-4101

REINFORCED PLASTIC STEPS

- GENERAL NOTES:
1. CASTINGS SHALL CONFORM TO THE REQUIREMENTS OF 'SPECIFICATIONS FOR GRAY IRON CASTINGS' IN ACCORDANCE WITH A.S.T.M. DESIGNATION A-48-83, CLASS 35B.
 2. CASTINGS ARE TO BE MANUFACTURED TRUE TO PATTERN AND WITH SATISFACTORY FIT OF COMPONENT PARTS. CASTINGS SHALL BE FREE OF DEFECTS. DIMENSIONS AS DETAILED ON PLAN SHALL NOT DEVIATE BY $\pm 1/16$ " PER FOOT.
 3. CASTINGS SHALL BE FURNISHED WITH MACHINED HORIZONTAL BEARING SURFACES.
 4. CASTING SHALL BE RATED 'HEAVY DUTY' SUITABLE FOR H-20 TRAFFIC LOADING.



REVISIONS			CAST IRON MANHOLE RING, COVER AND STEPS	
NO.	BY	DATE		
1			CITY OF LINCOLN, NEBRASKA OFFICE OF THE CITY ENGINEER Date: 2-03 / CAW Scale: None No. Sheets 1 PLAN NO. L.S.P. 162 Sheet No. 1	
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